82 Squankum Road
Howell, New Jersey 07731
April 24, 1976

Mr. Harold Weisberg
Route 7
Frederick, Maryland 21701

Dear Harold:

I am affraid that I am unable to give you any more of an explanation concerning the Spectro comparison samples, than I did in my last letter. There are no sources but rather, it is simply what evolved in my head as I studied the F.B.I. laboratory notes. What I had written was suppose to have been in laymans terms for it was obvious to the untrained eye of someone such as myslef, who has no expertise in such matters, that the notes plainly showed that the Q samples or specimens if you will, did not match with the K samples which were used for purposes of comparison.

To me, it seems that one of the key reasons that you should press for this particular information in your suit, is because it is now a known fact, that the same alloys of bullet lead and jacket material used by the Western Cartridge Company (now Winchester-Western) was also used in manufacturing various other commercial ammunitions of that same time. Therefore, it is highly likely that there existed a variety of WCC bullets or different designs and calibers which would match spectrographically with the 6.5 Carcano ammunition associated with the alledged assassination weapon. So, you see, the F.B.I., spectro analysis is not realy conclusive at all!

Had the F.B.I, analized a cross-section of commercial and military ammunition at the time, particularly that manufactured by the Western Cartridge Company, then the tests may have formulated some definite kind of conclusion but as it stands now, we don't know what kind of bullets were used as the comparison samples and so, to me at least, the results of the tests have no value whatsoever. They may have compared the Q specimens to other 6.5 ammunition or they may have compared they to bullets of other than WCC manufacture. Or, as I suggested in my previous letter, the samples may have evidence from another crime, which, would not be an unusual practice in F.B.I, work. Untill we can know just exactly what the Q specimen were compared to, we can not make any valid judgements as to what the spectro tests prove, or don't prove.

As far as the NAA tests go, I don't think that there can be any question whatsoever, that the specimens removed from the head of J,F,K., and that taken from the arm of J.B.B., originated from two different bullets and therefore, two different weapons. The chart which I sent you, is a copy of one

which I drafted up at work, based upon the numerical values setforth in the copies of the stuff which I received from Kelley. What I did was to take the numerical values and change them into percentage values. Then, I charted the specimens on a graph with readings from 400 to 800 parts per million. So far, I have only done this with the Sb readings. Now, Guinn has stated in his own research, that the normal variance for like specimens should be around plus or minus 3% on the average. You can see that the Q-9 specimen from Connallys arm could very well have come from a 6.5 Carcano bullet or the type in question or, if we want to go back to the Winchester-Western business, one of several bullets which they manufactured during the period inwhich they manufactured the 6.5 Carcano ammunition. However, the results as plotted on the chart, clearly indicate that the two lead specimens found in J.F.K.s' head did not come from a bullet composed to the same alloys as the WCC 6.5 carcano bullet. This also holds true for the other specimens taken from the limousine. To me, this is an indication that the shot which struck J.F.K. in the head, producing the two fragments removed from same, and which probably produced some if not all of the fragments recovered from the car, did not originate from a WCC 6.5 Carcano bullets or any other bullet of like alloy. The NAA is very precise on these matters and leaves no room for doubt as can be the case with Spectrographic Analysis.

Should you want me to prepare such graphs for additional specimens in the J.F.K., or M.L.K., tests, I would be glad to do so, and to provide you with all working papers, except for the ones which I may burn in the fireplace of my den, before drafting the final report (ha, ha). Seriously, I will be glad to assist in any way I can.

If my response to the request for additional light on the spectro stuff was not what you had hoped for, I am sorry. It was strickly a matter of interperting what was on the pages of lab notes.

Sincerely,

Emory L Brown, Jr.